

FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office		Docket No. MMI1100-2	Serial No.: 10/750,1645 185
OCT 28 2004 INFORMATION DISCLOSURE STATEMENT BY APPLICANT			
		Applicant(s): Sue DeNise, et al.	
		Filing Date: December 31, 2003	Group Art Unit: 1645

### U.S. PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
MEB	A	6,242,191	6/5/01	Fluharty, et al.	435	6	
	B	6,410,231	6/25/02	Arnold, et al.	435	6	
	C	6,458,544	10/1/02	Miller	435	6	
	D	2002/0012934	1/31/02	Meghen, et al.	435	6	
	E	2002/0098534	7/25/02	McCaskey-Feazel, et al.	435	19	
	F	2003/0009292	1/9/03	Mei, et al.	702	19	
▼	G	2003/0017487	1/23/03	Xue, et al.	435	6	

### FOREIGN PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION (YES/NO)
MEB	H	WO92/13102	8/6/92	PCT			
	I	WO95/15400	6/8/95	PCT			
	J	WO98/39475	9/11/98	PCT			
	K	WO99/01576	1/14/99	PCT			
	L	WO00/36143	6/22/00	PCT			
	M	WO00/69882	11/23/00	PCT			
	N	WO01/67211	9/13/01	PCT			
	O	WO01/75161	10/11/01	PCT			
▼	P	WO01/92570	12/6/01	PCT			

EXAMINER GT\6418941.1 2500313-14	/Molly Baughman/	DATE CONSIDERED 02/05/2007
--	------------------	-------------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>FORM PTO-1449</b> U.S. Department of Commerce Patent and Trademark Office	Docket No. MMI1100-2	Serial No.: 10/750, <del>1645</del> 165
	Applicant(s): Sue DeNise, et al.	
<b>INFORMATION DISCLOSURE STATEMENT</b> BY APPLICANT	Filing Date: December 31, 2003	Group Art Unit: 1645

MEB	Q	WO02/02822	1/10/02	PCT			
	R	WO02/064820	8/22/02	PCT			
	S	WO02/090569	11/14/02	PCT			
	T	WO02/090589	11/14/02	PCT			
	U	WO02/36824	5/10/02	PCT			
	V	WO02/38737	5/16/02	PCT			
	W	1 256 632	2/5/02	EPO			
	X	0566 793	4/29/02	EPO			
▼	Y	2 779 153	5/7/99	FRANCE			No

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)**

EXAMINER	DATE CONSIDERED
GT6418941.1 2500313-14	/Molly Baughman/ 02/05/2007

**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>FORM PTO-1449</b> U.S. Department of Commerce Patent and Trademark Office		Docket No. MMI1100-2	Serial No.: 10/750,185
DEC 08 2004 U.S. PATENT AND TRADEMARK OFFICE			
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Applicant(s): Sue DeNise, et al.	
		Filing Date: December 31, 2003	Group Art Unit: 1645

### U.S. PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
MEB	A	6,770,437	8/3/04	Taylor, et al.	435	6	

### FOREIGN PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION (YES/NO)

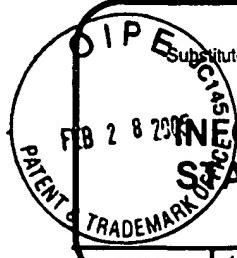
### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

MEB	B	Pritchard, et al., "Inference of Population Structure Using Multilocus Genotype Data", <i>Genetics</i> 155:945-959 (June 2000).

EXAMINER  GT6419854.1 2500313-13	/Molly Baughman/	DATE CONSIDERED  02/05/2007
---	------------------	-----------------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.**



~~Substitute for form 1449A/PTO~~

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

*(Use as many sheets as necessary)*

Sheet

1

of 4

**Complete if Known**

Application Number	10/750,185
Filing Date	December 31, 2003
First Named Inventor	Sue K. DeNise et al.
Art Unit	1645
Examiner Name	TBD
Attorney Docket Number	MMI1100-2

## **U. S. PATENT DOCUMENTS**

## FOREIGN PATENT DOCUMENTS

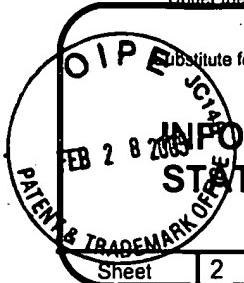
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
MEB	BA	EP 0 566 793 A1	10/27/1993	Beitz et al.		Yes
	BB	EP 1 256 632 A3	11/13/2002	Jones et al.		Yes
	BC	FR 2 779 153	12/03/1999	Ahamad et al.		No
↓	BD	WO 02/38737 A2	05/16/2002	Taylor et al.		Yes
	BE	WO 92.36824 A1	05/10/2002	Georges et al.		Yes

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.**



## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

*(Use as many sheets as necessary)*

Sheet 2

of 4

<i><b>Complete if Known</b></i>	
Application Number	10/750,185
Filing Date	December 31, 2003
First Named Inventor	Sue K. DeNise et al.
Art Unit	1645
Examiner Name	TBD
Attorney Docket Number	MMI1100-2

## **U. S. PATENT DOCUMENTS**

## **FOREIGN PATENT DOCUMENTS**

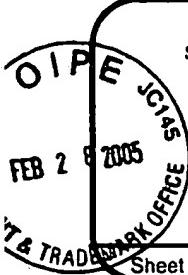
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
MEB	BF	WO 02/090589 A1	11/14/2002	Moskowitz		Yes
	BG	WO 02/090569 A2	11/14/2002	Bader et al.		Yes
	BH	WO 02/064820 A1	08/22/2002	Barendse		Yes
↓	BI	WO 02/02822 A2	01/10/2002	Taylor et al.		Yes
↓	BJ	WO 01/92570 A2	12/06/2001	Haley et al.		Yes

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English-language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.**



Substitute for form 1449A/PTO

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

*(Use as many sheets as necessary)*

~~Sheet~~

3

of

1

<i>Complete if Known</i>	
Application Number	10/750,185
Filing Date	December 31, 2003
First Named Inventor	Sue K. DeNise et al.
Art Unit	1645
Examiner Name	TBD
Attorney Docket Number	MMI1100-2

## **U. S. PATENT DOCUMENTS**

## **FOREIGN PATENT DOCUMENTS**

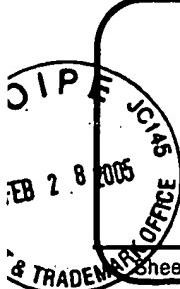
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
MEB	BK	WO 01/75161 A2	10/11/2001	Rothschild et al.		Yes
	BL	WO 01/67211 A2	09/13/2001	Garcia Pascual		Yes
	BM	WO 00/69882	11/23/2000	Greger		Yes
↓	BN	WO 00/36143	06/22/2000	Andersson et al.		Yes
↓	BO	WO 99/01576	01/14/1999	Edwards		Yes

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.**



Substitute for form 1449A/PTO

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

*(Use as many sheets as necessary)*

shee'

1

of 4

**Complete if Known**

Application Number	10/750,185
Filing Date	December 31, 2003
First Named Inventor	Sue K. DeNise et al.
Art Unit	1645
Examiner Name	TBD
Attorney Docket Number	MMI1100_2

## **U. S. PATENT DOCUMENTS**

## **FOREIGN PATENT DOCUMENTS**

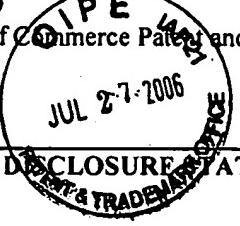
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
MEB	BP	WO 98/30475	09/11/1998	Meghen et al.		Yes
MEB	BQ	WO 05/15400	06/08/1995	Levitt		Yes
MEB	BR	WO 92/13102	08/06/1992	Georges et al.		Yes

Examiner Signature	/Molly Baughman/	Date Considered	02/05/2007
-----------------------	------------------	--------------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

<b>FORM PTO-1449</b> U.S. Department of Commerce Patent and Trademark Office 	Docket No.  MMI1100-2	Serial No.:  10/750,185
	Applicant: DeNise et al.	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>	Filing Date:  December 31, 2003	Group Art Unit:  1637

### U.S. PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
MEB	AA	5,612,179	03/18/1997	Malcolm J. Simons			
MEB	AB	5,851,762	12/22/1998	Malcolm J. Simons			

### FOREIGN PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION (YES/NO)

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

MEB	AC	Lucentini, Jack, "Reproducible Gene Disease Associations are Few and Far Between", <i>The Scientist</i> , Vol. 18, 2004.
MEB	AD	Wacholder, Shalom et al., "Assessing the Probability That a Positive Report is False: An Approach for Molecular Epidemiology Studies", <i>J. Natl. Cancer Institute</i> , Vol. 96, pp. 434-442, 2004.

"Gene Association studies typically wrong"

EXAMINER  <i>/Molly Baughman/</i>	DATE CONSIDERED  02/05/2007
---	-----------------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.